WHAT IS CLAIMED IS:

1   1.   A method of caching data files comprising:

2   providing a first computer;

3   providing a second computer;

4   establishing a peer to peer network relationship between said first computer

5   and said second computer;

6   conveying a file from said first computer to said second computer;

7   caching said file.

1   2.   The method as described in claim 1 wherein said caching said file

2   comprises:

3   caching said file at a caching computer.

1   3.   The method as described in claim 1 wherein said caching said file

2   comprises:

3   caching said file at a location where said second computer is located.

1   4.   The method as described in claim 1 and further comprising:

2   receiving a request for said file at said first computer from a third computer.

1   5.   The method as described in claim 4 and further comprising:

2   directing said third computer to obtain said file from said caching computer.

1   6.   The method as described in claim 5 and further comprising:

2   establishing communications between said third computer and said caching

3   computer; and

4   conveying said file to said third computer.

1   7.   The method as described in claim 1 and further comprising:

2   providing an intermediate computer to facilitate communications between said

3   first computer and said third computer;

4   intercepting a request of said third computer for said file.

1   8.   The method as described in claim 7 and further comprising:

2   directing said third computer to said caching computer so as to obtain said file.

1   9.   The method as described in claim 7 and further comprising:

2   utilizing said intermediate computer as said caching computer.

1   10.   The method as described in claim 1 and further comprising:

2   utilizing a global communication network to establish said peer to peer

3   relationship.

1   11.   A computer readable medium having computer-executable instructions

2   for performing a method comprising:

3   establishing a peer to peer relationship between a first computer and a second

4   computer;

5   receiving a first request for a file of the first computer from the second

6   computer;

7   conveying said file from the first computer to the second computer;

8   caching said file.

1   12.   The computer readable medium as described in claim 11 wherein said

2   method further comprises:

3   receiving a request for said file from a third computer.

1   13.   The computer readable medium as described in claim 11 wherein said

2   method further comprises:

3   storing said file at a caching computer for access by additional computers that

4 request said file.

1   14. The computer readable medium as described in claim 11 wherein said

2 method further comprises:

3   caching said file at a location where said second computer is located.

1   15. The computer readable medium as described in claim 11 wherein said

2 method further comprises:

3   receiving a request for said file at said first computer from a third computer.

1   16. The computer readable medium as described in claim 15 and further

2 comprising:

3   directing said third computer to obtain said file from said caching computer.

    17. The computer readable medium as described in claim 11 and further

2 comprising:

3   utilizing a global communication network to establish said peer to peer

4 relationship.